

Storm Data and Unusual Weather Phenomena - August 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE HURON				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	08/07/13 04:50 EST	0		Marine Thunderstorm Wind (MG 38 kt)
	08/07/13 04:50 EST	0		Source: C-MAN Station
A thunderstorm moving through Saginaw Bay produced a 44 mph wind gust.				
OUTER SAGINAW BAY SW OF ALABASTER TO PORT AUSTIN MI TO INNER SAGINAW BAY COUNTY --- GRAVELLY SHOALS LIGHT [44.02, -83.54]				
	08/12/13 19:07 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	08/12/13 19:07 EST	0		Source: C-MAN Station
A thunderstorm moving through Saginaw Bay produced a 39 mph wind gust.				
MICHIGAN, East				
LIVINGSTON COUNTY --- 1.5 NNW HOWELL [42.62, -83.94]				
	08/01/13 15:35 EST	0		Hail (1.00 in)
	08/01/13 15:35 EST	0		Source: Public
LIVINGSTON COUNTY --- 1.2 NW CHILSON [42.54, -83.87]				
	08/01/13 15:49 EST	0		Hail (1.00 in)
	08/01/13 15:49 EST	0		Source: Trained Spotter
HURON COUNTY --- 2.4 NW HARBOR BEACH [43.85, -82.69]				
	08/01/13 17:35 EST	0		Hail (1.00 in)
	08/01/13 17:35 EST	0		Source: Law Enforcement
One inch hail was reported with a couple of thunderstorms that developed during the afternoon hours.				
SHIAWASSEE COUNTY --- NEW LOTHROP [43.12, -83.97]				
	08/07/13 05:08 EST	0		Thunderstorm Wind (EG 56 kt)
	08/07/13 05:08 EST	0		Source: Law Enforcement
Trees were reported blown down.				
GENESEE COUNTY --- 2.0 W FARRANDVILLE [43.20, -83.76], FARRANDVILLE [43.20, -83.72]				
	08/07/13 05:20 EST	15K		Thunderstorm Wind (EG 65 kt)
	08/07/13 05:25 EST	0		Source: NWS Storm Survey
Thunderstorm winds blew down one old garage along with numerous trees. A camper was also over turned, along with extensive tree damage. The damage path extended along and north of Jenning Road Just south of Lake Road toward North Saginaw Road.				
GENESEE COUNTY --- 1.7 SE PINE RUN [43.16, -83.68]				
	08/07/13 05:30 EST	5K		Thunderstorm Wind (EG 56 kt)
	08/07/13 05:30 EST	0		Source: 911 Call Center
Trees and wires reported down.				
GENESEE COUNTY --- 1.5 SSE RUSSELLVILLE [43.08, -83.54]				
	08/07/13 05:37 EST	5K		Thunderstorm Wind (EG 52 kt)
	08/07/13 05:37 EST	0		Source: 911 Call Center
Power lines and wired reported down.				
LAPEER COUNTY --- 1.5 SSW NORTH LAKE [43.21, -83.44]				

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	08/07/13 05:38 EST		0	Thunderstorm Wind (EG 56 kt)
	08/07/13 05:38 EST		0	Source: 911 Call Center
Trees reported down in Marathon Township.				
GENESEE COUNTY --- 3.7 SE DAVISON [43.00, -83.46]				
	08/07/13 05:46 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 05:46 EST		0	Source: Trained Spotter
A tree was reported down.				
LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]				
	08/07/13 05:46 EST		0	Thunderstorm Wind (EG 56 kt)
	08/07/13 05:46 EST		0	Source: 911 Call Center
Trees reported down.				
LAPEER COUNTY --- DRYDEN [42.95, -83.12]				
	08/07/13 06:06 EST		0	Thunderstorm Wind (EG 52 kt)
	08/07/13 06:06 EST		0	Source: 911 Call Center
Trees reported down.				
LENAWEE COUNTY --- MORENCI [41.72, -84.22]				
	08/07/13 09:39 EST		0	Hail (1.00 in)
	08/07/13 09:39 EST		0	Source: Public
A line of severe thunderstorms impacted areas mainly along the I-69 corridor.				
WASHTENAW COUNTY --- 0.3 N GUTHRIE [42.30, -84.07]				
	08/12/13 07:00 EST		25K	Lightning
	08/12/13 07:00 EST		0	Source: Broadcast Media
Lightning caused a pole barn to catch fire, burning to the ground. The barn was filled with various tools and machinery, which was destroyed.				
A lightning strike caused a pole barn to catch fire.				
WASHTENAW COUNTY --- 3.1 ENE LYNDON CENTER [42.39, -84.02]				
	08/12/13 17:30 EST		0	Hail (1.00 in)
	08/12/13 17:30 EST		0	Source: Public
WASHTENAW COUNTY --- 3.6 E LYNDON CENTER [42.38, -84.01]				
	08/12/13 17:46 EST		0	Hail (0.88 in)
	08/12/13 17:46 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 2.0 E LYNDON CENTER [42.38, -84.04]				
	08/12/13 18:06 EST		0	Hail (1.50 in)
	08/12/13 18:06 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- DEXTER [42.33, -83.87]				
	08/12/13 18:06 EST		0	Hail (1.00 in)
	08/12/13 18:06 EST		0	Source: Trained Spotter
Large hail was reported with a thunderstorm near Chelsea.				
LIVINGSTON COUNTY --- 0.9 ESE COHOCTAH CENTER [42.74, -83.98], 1.3 W COHOCTAH [42.75, -83.95]				
	08/27/13 22:54 EST		5K	Tornado (EF0, L: 1.60 mi , W: 420 yd)
	08/27/13 22:58 EST		0	Source: NWS Storm Survey

Numerous hardwood and softwood trees were uprooted and snapped with this EF0 tornado. Maximum winds estimated at 80 mph. The tornado touched down near Betterly Road, tracking East, then hooking Southeast to Northeast, tracking across Byron Road before lifting just before Oak Grove Road.

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LIVINGSTON COUNTY --- 0.8 ESE CHILSON [42.53, -83.83], 2.4 NE LAKELAND [42.49, -83.80]	08/27/13 23:50 EST		10K	Tornado (EF0, L: 2.97 mi , W: 700 yd)
	08/27/13 23:55 EST		0	Source: NWS Storm Survey

Numerous hardwood and softwood trees were uprooted and snapped. Minor siding damage was also observed with this EF0 tornado with maximum winds of 80 mph. The tornado touched down near the Brighton Road and Timberline Lane intersection, tracking southeast and lifting just past the Welle Road and Hamell Road intersection.

Two weak tornadoes developed in Southern Livingston County from the same thunderstorm that was moving along a boundary that was over the county.

SANILAC COUNTY --- SANDUSKY [43.42, -82.83]	08/30/13 18:12 EST		2K	Thunderstorm Wind (EG 52 kt)
	08/30/13 18:12 EST		0	Source: 911 Call Center

One tree and powerlines reported down.

MACOMB COUNTY --- 3.4 WSW STERLING HGTS [42.55, -83.09], 1.9 SW EAST DETROIT [42.45, -82.95], 2.6 SSW PLEASANT RIDGE [42.44, -83.08], 2.6 SSW PLEASANT RIDGE [42.45, -83.09]	08/30/13 21:45 EST		0	Flash Flood (due to Heavy Rain)
	08/31/13 00:00 EST		0	Source: Trained Spotter

A couple feet of water was covering area roads.

OAKLAND COUNTY --- 2.0 WSW BLOOMFIELD HIGHLANDS [42.56, -83.27], 1.6 ENE TROT BIG BEAVER ARPT [42.57, -83.09], 1.9 E FERNDAL [42.45, -83.08], 1.1 SE GRAND RIVER OAKS [42.44, -83.25]	08/30/13 21:45 EST		0	Flash Flood (due to Heavy Rain)
	08/31/13 00:00 EST		0	Source: Trained Spotter

A couple feet of water was covering area roads.

WAYNE COUNTY --- 3.7 WNW (DET)DETROIT CITY AR [42.45, -83.08], 2.6 NE (DET)DETROIT CITY AR [42.45, -82.99], 2.0 ENE (DET)DETROIT CITY AR [42.43, -82.98], 3.2 W (DET)DETROIT CITY AR [42.43, -83.08]	08/30/13 21:45 EST		0	Flash Flood (due to Heavy Rain)
	08/31/13 00:00 EST		0	Source: Trained Spotter

A couple feet of water was covering area roads.

WAYNE COUNTY --- 0.5 E TAYLOR CENTER [42.22, -83.26]	08/30/13 22:28 EST		1K	Thunderstorm Wind (EG 52 kt)
	08/30/13 22:28 EST		0	Source: 911 Call Center

At least one powerline reported down.

Heavy rainfall of 2 to 3 inches fell within a couple of hours leading some Flash Flooding within the Detroit Metro Area. Generally from Birmingham to Eight Mile and Telegraph and into Southwest Macomb County. In addition, isolated severe thunderstorms occurred over Sandusky in Sanilac County and near Romulus in Wayne County.